

# MATERIAL SAFETY DATA SHEET



4700 W. 160TH Street  
P.O. Box 35906  
Cleveland, Ohio 44135  
Emergency Tel No.  
(303) 623-5716 Collect

## OATEY PIPE SEAL

Test Revision Date...06/06/00

Date of Issue.....04/28/05

### Section 1

### IDENTITY OF MATERIAL

TRADE NAME..... OATEY PIPE SEAL  
PRODUCT NUMBERS... 30614  
FORMULA..... N/A  
SYNONYMS..... Pipe Seal, Cold Solder

### SECTION 2

### HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS NUMBER	SEC 313
Methyl Ethyl Ketone	22-32%	78-93-3	Yes
Vinyl Chloride Acetate Resin	7-15%	25085-82-9	No
Kaolin Clay	50-60%	1332-58-7	No
Gray Pigment	<1%	N/A	No
Amorphous Silica	<2%	112945-52-5	No

### SECTION 3

### KNOWN HAZARDS UNDER 29 CFR 1910.1200

HAZARDS	YES	NO	HAZARDS	YES	NO
Combustible Liquid		x	Skin Hazard	x	
Flammable Liquid	x		Eye Hazard	x	
Pyrophoric Material		x	Toxic Agent	x	
Explosive Material		x	Highly Toxic Agent		x
Unstable Material		x	Sensitizer		x
Water Reactive Material		x	Kidney Toxin		x
Oxidizer		x	Reproductive Toxin	x	
Organic Peroxide		x	Blood Toxin		x
Corrosive Material		x	Nervous System Toxin	x	
Compressed Gas		x	Lung Toxin	x	
Irritant	x		Liver Toxin		x
Carcinogen NTP/IARC/OSHA		x			

### SECTION 4

### REGULATION

CHEMICAL	TLV (TWA)	PEL (Transitional Limits)	STEL	Hazard Action Level
Methyl Ethyl Ketone	200 ppm, 590 mg/cu m	200 ppm, 590 mg/cu m	300 ppm, 885 mg/cu m	N/A
Kaolin		10 mg/cu m (Total Dust)	N/A	N/A
	2 mg/cu m (Respirable Fraction)	5mg/cu m (Respirable Fraction)		
Amorphous Silica	10 mg/cu m	20 mppcf	N/A	N/A

### SECTION 5

### REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME..... CONSUMER COMMODITY ORM-D  
DOT HAZARD CLASS..... Class 3 Flammable Liquid  
SHIPPING ID NUMBER..... N/A  
EPA HAZARDOUS WASTE ID NUMBER... D-001  
EPA HAZARD WASTE CLASS..... Ignitable Waste/Toxic Waste

### SECTION 6

### EFFECTS OF EXPOSURE

ENTRY ROUTE..... INHALE - YES    INGEST - YES    SKIN - YES    EYE - YES  
INHALATION..... May cause irritation of mucous membranes, nose & throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has caused CNS depression & liver damage in animals, & high concentrations have caused retardation of fetal development in rats.  
SKIN..... Chronic contact may lead to irritation & dermatitis. Chronic exposure to vapors of high concentration may cause dermatitis. May possibly be absorbed through the skin.  
EYE..... Vapors or direct contact may cause irritation.  
INGESTION..... May be aspirated into the lungs or cause systemic effects described under inhalation.  
TARGET ORGANS... Eye, Skin, Lung, Central Nervous System

### SECTION 7

### EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN..... Flush with water, then wash thoroughly with soap & water. Remove contaminated clothing & wash before re-use. Call a poison control center or physician if an irritation persists.  
EYES..... Flush with water for 15 min. & call a poison control center or physician if an irritation persists.  
INHALATION... Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.  
INGESTION.... Drink plenty of water. DO NOT INDUCE VOMITING, call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

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## OATEY PIPE SEAL

### SECTION 8

### PHYSICAL AND CHEMICAL PROPERTIES

NFPA HAZARD SIGNAL..... HEALTH 1 STABILITY 0 FLAMMABILITY 3 SPECIAL NONE  
BOILING POINT..... 178 Degrees F 81 Degrees C  
MELTING POINT..... N/A  
VAPOR PRESSURE..... 70 mmHg  
VAPOR DENSITY (AIR = 1)... 2.5  
VOLATILE COMPONENTS..... 23-27%  
SOLUBILITY IN WATER..... NIL  
PH..... N/A  
SPECIFIC GRAVITY..... (H(2)O = 1) N/A  
EVAPORATION RATE..... N/A  
APPEARANCE..... Heavy Grey Paste  
ODOR..... Ketones  
WILL DISSOLVE IN..... N/A  
MATERIAL IS..... Paste

### SECTION 9

### FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY..... LEL =2.0 % Volume UEL= 12.0 % Volume  
FLASHPOINT AND METHOD USED..... 52 Degrees +/- 2 Degrees F 11 Degrees +/- 1 Degree C PMCC  
STABILITY..... Stable CONDITIONS TO AVOID: Heat, sparks and open flame. HAZARDOUS DECOMP. PRODUCTS: CO, HCl, CO(2), smoke.  
HAZARDOUS POLYMERIZATION..... Will Not Occur. CONDITIONS TO AVOID: N/A  
INCOMPATIBILITY/MAT. TO AVOID..... N/A  
SPECIAL FIRE FIGHTING PROCEDURE... FOR SMALL FIRES: Use dry chemical, CO2, water or foam extinguisher. FOR LARGE FIRES: Evacuate area and call Fire Department immediately.

### SECTION 10

### SPILL AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES... Ventilate area, stop leak if it can be done without risk. Take up with sand, earth, or other non-combustible absorbing material.  
WASTE DISPOSAL..... Dispose of according to local, state, and Federal regulations.

### SECTION 11

### SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES... EYES: Safety glasses with side shields. RESPIRATORY: NIOSH-approved cannister respirator in absence of adequate ventilation. GLOVES: Rubber gloves. OTHER: Eye wash and safety shower should be available.  
VENTILATION..... GENERAL MECHANICAL: Exhaust ventilation capable of maintaining emissions at the point of use below PEL. LOCAL EXHAUST: Open doors & windows. If used in enclosed area, use exhaust fans.  
PRECAUTIONS..... HANDLING & STORAGE: Store in cool area away from pilot lights, sparks and open flame. OTHER: Handle containers, even empties, as if they were full. May retain vapors.

### SECTION 12

### MANUFACTURER OR SUPPLIER DATA

FIRM NAME & MAILING ADDRESS... OATEY CO., 4700 West 160th Street, P.O. Box 35906, Cleveland, Ohio 44135  
OATEY PHONE NUMBER..... (216) 267-7100  
EMERGENCY PHONE NUMBER..... (303) 623-5716 COLLECT

### SECTION 13

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